

## MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project  
Advisory Groups and Interested Parties

FROM: John Pandiani  
Bill Bagdon

DATE: December 4, 1998

RE: Change in Employment Status

This week's PIP Indicator focuses on change in employment status of consumers served by three CMHC programs during both 1997 and 1998. The data is from an annual update of employment status that is indicated in the client data files submitted to DDMHS by community service providers. Results are presented for all people served by Community Rehabilitation and Treatment, Adult Mental Health Outpatient, and Substance Abuse programs during both years. Results are also presented separately for men and women served by each of these programs. When results indicate that there is more employment, we will interpret the data to indicate improvement in community status.

As you will see, clients of Substance Abuse Programs had the highest employment rate, Adult Outpatient Programs ranked second, and clients of CRT programs had the lowest employment rate. In Substance Abuse Programs, men were substantially more likely to be employed than women. In the Adult Outpatient Programs, men were slightly more likely to be employed than women. In the CRT programs, there was almost no difference in the rate of employment of men and women.

The data indicates that there was very little change in employment status between 1997 and 1998 for clients who were served in both years. This was true for all three programs and for both genders.

We are particularly interested in your comments about the quality of the data that is used for this analysis. Is the information on employment status in local CMHC databases accurate? Is information on the employment status of continuing clients updated annually? Is a one-year interval an appropriate time period for evaluating change in employment? As always, we are also interested in your interpretation of these results and your suggestions for other indicators of treatment outcomes that can be derived from existing data sources. Please e-mail your comments and suggestions to [pip@ddmhs.state.vt.us](mailto:pip@ddmhs.state.vt.us), or give one of us a call (802-241-2638 for John, or ...2682 for Bill).

**EMPLOYMENT STATUS  
DURING FY1997 AND FY1998  
OF PEOPLE SERVED BY CMHC PROGRAMS**

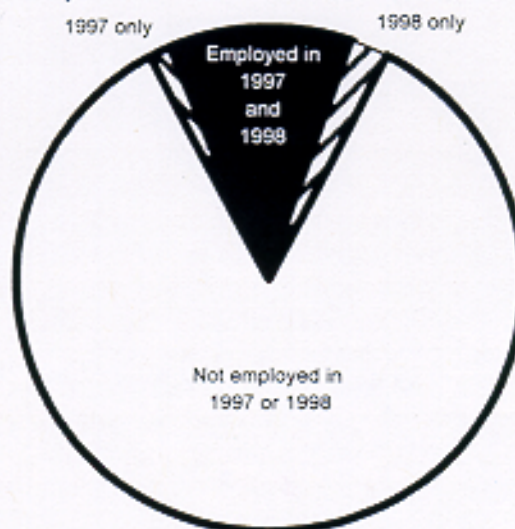
Substance Abuse Clients



Adult Outpatient Clients



Community Treatment and Rehabilitation Clients





**EMPLOYMENT STATUS  
DURING FY1997 AND FY1998  
OF PEOPLE SERVED BY CMHC PROGRAMS**

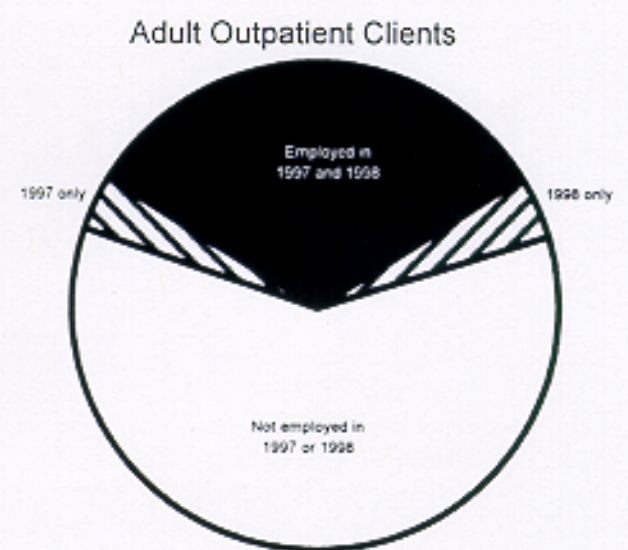
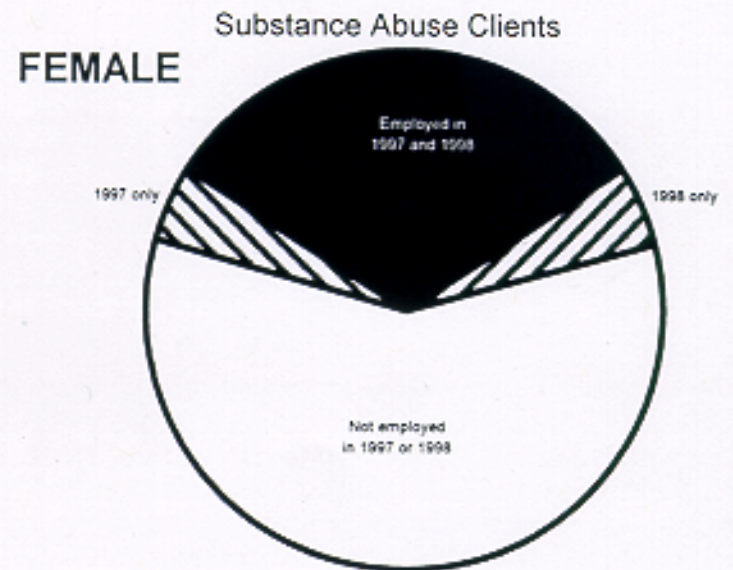
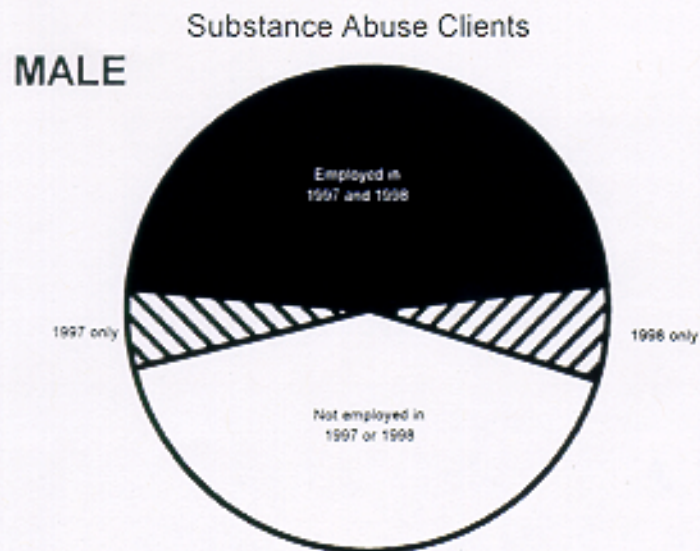
Year	Employed		Not Employed		Total With Data		No Data		Total Served
	#	%	#	%	#		#	%	
Substance Abuse	1997	2,018	48%	2,196	52%	4,214	276	6%	4,490
	1998	2,013	48%	2,181	52%	4,194	213	5%	4,407
Adult Outpatient	1997	2,818	41%	4,014	59%	6,832	1075	14%	7,907
	1998	2,752	41%	4,023	59%	6,775	1076	14%	7,851
Community Rehabilitation and Treatment	1997	427	14%	2,579	86%	3,006	226	7%	3,232
	1998	433	15%	2,514	85%	2,947	208	7%	3,155

**EMPLOYED**

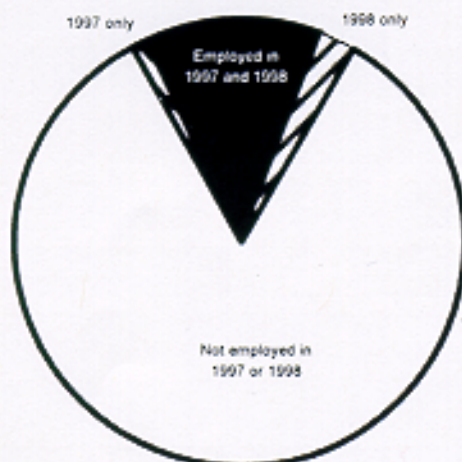
	Both Years		Neither Year		1997 only		1998 only		Total W/ Data		Not Served in Both Years		Missing Data		Total Served in 2 Years
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
Substance Abuse	600	42%	659	47%	72	5%	86	6%	1,417		5,927	80%	68	1%	7,412
Adult Outpatient	936	35%	1,557	58%	88	3%	108	4%	2,689		9,792	77%	294	2%	12,775
Community Rehabilitation	275	12%	1,995	85%	35	1%	55	2%	2,360		1,281	33%	193	5%	3,834



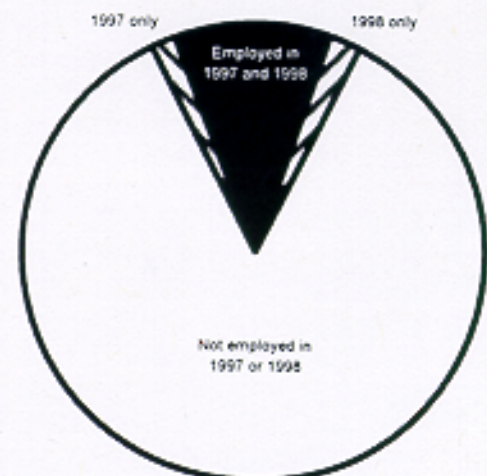
**EMPLOYMENT STATUS BY GENDER  
DURING FY1997 AND FY1998  
OF PEOPLE SERVED BY CMHC PROGRAMS**



Community Treatment and Rehabilitation Clients



Community Treatment and Rehabilitation Clients





**EMPLOYMENT STATUS BY GENDER  
DURING FY1997 AND FY1998  
OF PEOPLE SERVED BY CMHC PROGRAMS**

Years	Employed		Not Employed		Total With Data		No Data		Total Served					
	#	%	#	%	#	%	#	%						
Substance Abuse - Male	1997	1,590	53%	1,412	47%	3,002	200	6%	3,202					
	1998	1,569	52%	1,441	48%	3,010	157	5%	3,167					
Substance Abuse - Female	1997	428	35%	784	65%	1,212	76	6%	1,288					
	1998	443	38%	738	62%	1,181	55	4%	1,236					
Adult Outpatient - Male	1997	1,224	47%	1,390	53%	2,614	459	15%	3,073					
	1998	1,204	46%	1,405	54%	2,609	467	15%	3,076					
Adult Outpatient - Female	1997	1,592	38%	2,618	62%	4,210	604	13%	4,814					
	1998	1,547	37%	2,613	63%	4,160	599	13%	4,759					
CRT - Male	1997	203	15%	1,172	85%	1,375	93	6%	1,468					
	1998	225	16%	1,163	84%	1,388	99	7%	1,487					
CRT - Female	1997	224	14%	1,407	86%	1,631	133	8%	1,764					
	1998	207	13%	1,351	87%	1,558	109	7%	1,667					
EMPLOYED														
Both Years		Neither Year		1997 only		1998 only		Total W/ Data	Not Served in Both Years # %	Missing Data # %	Total Served in 2 Years			
#	%	#	%	#	%	#	%							
Substance Abuse - Male	465	33%	409	41%	52	5%	64	6%	990	4299	81%	45	1%	5,334
	135	10%	250	59%	20	5%	22	5%	427	1624	78%	23	1%	2,074
Adult Outpatient - Male	376	14%	509	54%	27	3%	33	3%	945	4027	79%	116	2%	5,088
	560	21%	1,045	60%	61	4%	75	4%	1,741	5749	75%	171	2%	7,661
CRT - Male	138	6%	912	84%	13	1%	28	3%	1,091	601	34%	86	5%	1,778
	137	6%	1,083	85%	22	2%	27	2%	1,269	679	33%	107	5%	2,055
CRT - Female														